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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

<u>Listing of Claims:</u>

Claims 1-13 (Cancelled).

Claim 14 (Previously Presented): A silent chain for reducing wear on a chain

guide surface, the chain comprising:

a plurality of link plates each having a pair of tooth parts and pin holes, the link

plates arranged in a thickness direction as well as in a length direction, adjacent link

plates rotatably linked together using linking pins:

guide links each having a pair of pin holes disposed on outermost sides of the

link plates and fixed to the linking pins;

wherein a first distance from a pin hole centerline of each link plate to a link plate

surface facing the chain guide is greater than a second distance from a pin hole

centerline of each guide link to a guide link surface facing the chain guide, the ratio of

the first distance to the second distance effective to prevent substantial contact

between the guide link surfaces and the chain guide surface when the chain engages

the chain guide; and

the guide link pin holes have a diameter  $\phi D_{\xi l}$ , the link plate pin holes have a

diameter φDI, the pins have a diameter φd, the link plate first distance is hI, the guide

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link second distance is hg, and the distance between the guide link surfaces and the chain guide is e; the relationship between the link plate pin holes and e is expressed by the formula  $e = \frac{1}{2}$  ( $\phi DI - \phi d$ ); and hI - hg is greater than or equal to e.

Claim 15 (Previously Presented): A silent chain according to Claim 14, wherein the guide link pin hole diameter  $\phi$ Dg is substantially the same as the pin diameter  $\phi$ d, and the ratio of the guide link distance hg to the link pin hole diameter  $\phi$ Dl is sufficient to permit the rotation of the link plates about the pins while preventing substantial contact between the guide link surfaces and the chain guide surfaces when the chain engages the chain guide.

Claim 16 (Currently Amended): <u>A silent chain for reducing wear on a chain guide</u>

<u>surface, the chain comprising:</u>

a plurality of link plates each having at least one pair of tooth parts and a pin hole, one tooth part of each pair above and the other below a pin hole centerline, the link plates arranged in a thickness direction as well as in a length direction, adjacent link plates rotatably linked together using linking pins.

guide links disposed on outermost sides of the link plates and fixed to the linking pins.

wherein a clearance is provided between the link plate pin holes and the linking pins therein such that a first distance from the pin hole of each link plate to the distal surface of the tooth part facing the chain guide is less than a second distance from the

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pin hole centerline of each guide link to a guide link surface facing the chain guide, the

link plate pin hole clearance and ratio of the first distance to the second distance is

effective to prevent substantial abrasive contact between the tooth part distal surfaces

and the chain guide when the chain engages the chain guide, and

A silent chain according to Claim 6, wherein the guide link pin holes have a

diameter  $\phi$ Dg, the link plate pin holes have a diameter  $\phi$ DI, the pins have a diameter

φd, the link plate first distance is hl, the guide link second distance is hg, and the

distance between the link plate surfaces and the chain guide is e; the relationship

between the link plate pin holes and e is expressed by the formula  $e = \frac{1}{2} (\phi DI - \phi d)$ ; and

hg - hl is greater than or equal to e.

Claim 17 (Previously Presented): A silent chain according to Claim 16, wherein

the guide link pin hole diameter φDg is substantially the same as the pin diameter φd,

and the ratio of the guide link distance hg to the link pin hole diameter φDI is sufficient

to permit the rotation of the link plates about the pins while preventing substantial

contact between the link plate teeth and the chain guide surfaces when the chain

engages the chain guide.

Claim 18 (Previously Presented): A silent chain according to claim 12, wherein

the guide plate contact surfaces face the chain guide surface.

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Claim 19 (Previously Presented): A silent chain having a plurality of links for reducing wear on a chain guide surface when the chain runs thereover, the chain comprising:

a plurality of guide plates having a pair of apertures therethrough for generally fixedly receiving pins to define links, the guide plates having a contact surface;

a plurality of link plates having a pair of apertures therethrough for pivotally receiving the pins to interconnect the links, the link plates having a contact surface with an area smaller than the surface area of the guide contact surface;

the guide plate apertures and the link plate apertures relatively positioned to generally maintain the guide plate contact surface in contact with the chain guide surface and the link plate contact surfaces spaced from the chain guide surface to reduce wear on the chain guide surface, wherein half of a clearance distance between the pin hole of said link plate and the linking pin in addition to a distance from a pin hole centerline of said guide link to guide link surface facing the chain guide is less than or equal to a distance from a pin hole centerline of the link plate to a link plate surface facing the chain guide.

Claim 20 (Previously Presented): A silent chain for reducing wear on a chain guide surface, the chain comprising:

a plurality of link plates each having a pair of tooth parts and pin holes, the link plates arranged in a thickness direction as well as in a length direction, adjacent link plates rotatably linked together using linking pins;

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guide links each having a pair of pin holes, the guide links disposed on outermost sides of the link plates and fixed to the linking pins at their pin holes;

wherein a first distance from a pin hole centerline of each said link plate to a link plate surface facing the chain guide is greater than a second distance from a pin hole centerline of each said guide link to a guide link surface facing the chain guide when in engagement with the chain guide, the ratio of the first distance to the second distance effective to prevent substantial contact between the guide link surfaces and the chain guide surface when the chain engages the chain guide, wherein half of a clearance distance between the pin hole of said link plate and the linking pin in addition to a distance from a pin hole centerline of said guide link to guide link surface facing the chain guide is less than or equal to a distance from a pin hole centerline of the link plate to a link plate surface facing the chain guide.

Claim 21 (Previously Presented): A silent chain for reducing wear on a chain guide surface, the chain comprising:

a plurality of link plates each having at least one pair of tooth parts and a pin hole, one tooth part of each pair above and the other below a pin hole centerline, the link plates arranged in a thickness direction as well as in a length direction, adjacent link plates rotatably linked together using linking pins,

guide links disposed on outermost sides of the link plates and fixed to the linking pins,

wherein a first distance from the pin hole centerline of each link plate to the distal

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surface of the tooth part facing the chain guide is less than a second distance from the pin hole centerline of each guide link to a guide link surface facing the chain guide, the ratio of the first distance to the second distance is effective to prevent substantial contact between the tooth part distal surfaces and the chain guide when the chain engages the chain guide, and wherein half of a clearance distance between the pin hole of the link plate and the linking pin in addition to a distance from a pin hole centerline of the link plate to a link plate surface facing the chain guide is less than or equal to a distance from a pin hole centerline of the guide link to guide link surface facing the chain guide.